

## ABSTRACT OF THE DISCLOSURE

A device in a constructional element (19), which may form a supporting element, for temperature regulation in, for example, storey partitioning elements, walls and ceilings of a building structure or refrigerating plant, in which the  
5 temperature-regulating surfaces (18) of the constructional element (19) are formed by two or more corrugated cavity-forming (20, 22) layers (14, 16, 18), the cavities (20, 22) being connected to the outlet (26) and inlet (30), respectively, of a heating/cooling unit (24) and being arranged to circulate temperature-regulated air, and in which the temperature-regulating surfaces (18) are provided with perforations (34).